

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: §  
Giovanni Gilardi et al. §  
§ Group Art Unit: 2883  
Serial No.: 10/527,607 §  
§  
Confirmation No.: 5231 §  
§  
Filed: November 17, 2005 §  
§ Examiner: James P. Hughes  
For: LITHIUM NIOBATE §  
OPTICAL MODULATOR §  
§ Customer No.: 47389

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**RESPONSE TO OFFICE ACTION DATED DECEMBER 17, 2007**

In response to the Ex Parte Quayle Office Action dated December 17, 2007, having a shortened statutory period for response set to expire on February 17, 2008, please enter this response and reconsider the claims pending in the application for the reasons discussed below. Although Applicants believe that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AVAN/000835US/WCG for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper. **Remarks/Arguments** begin on page 4 of this paper.